

From owner-qrp-l@netcom.com Tue Apr 4 10:39:25 1995
Date: Tue, 4 Apr 1995 06:45:44 -0700 (PDT)
From: H Smith <hbs@crl.com>
Subject: Afield contest results
Message-Id: <Pine.SUN.3.91.950404064357.26380A-100000@crl3.crl.com>

In the back of the QRPP, it says:

"Send logs, station and location description along with a summary sheet.."

What is this "summary sheet"?

Thanks,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-l@netcom.com Tue Apr 4 10:25:16 1995
Date: Tue, 4 Apr 95 07:41:59 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9504041241.AA05719@chuck.dallas.sgi.com>
Subject: Bandwidth Survey and HB Test

Gang,

>From the 50, 100, and 150KHz dial bandwidth survey.

36 for 50KHz or so
8 for 100KHz
9 for 150KHz.

Lower limits were due to operating practices in a narrow range and the finer tuning resolution on the dial. Also dials tend to be more linear for such rigs.

100KHz preferences were to get maximum range of the band.

150KHz allowed user to get both Extra through Novice ranges.

Most of us have at least one rig that covers a large range. I've seen a lot of Novice/Techs convert up this year and that is a good sign that this group is interested in getting as far as possible up the "scale" of licensing classes.

One of the side effects of starting to get a proliferation of SSB kits/rigs now is the split during things like the NorCal Afield event. Some will split modes, but others will concentrate on one or the other. Guess that's why the ARRL has a CW and a PHONE SS/DXCC/etc. to keep activity up for both modes. Should a club consider two day events, six/eight hours each day for a single mode? This might help things and give those that like both modes a chance to do well in both.

The HB contest for Dayton hasn't been finalized yet. I haven;t heard from the possible two sources for a small kit. If we don't get this finalized in two weeks, then it will be cancelled and talked about for next year or HamCom in Dallas.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Apr 5 00:57:16 1995
Date: Tue, 4 Apr 95 16:46:06 -0500
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9504042146.AA06512@chuck.dallas.sgi.com>
Subject: Dan's Small Parts

Anyone heard from Danny Stevig? Is he going to be at Dayton?

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Tue Apr 4 22:23:03 1995
Date: Tue, 4 Apr 1995 16:32:06 -0400 (EDT)
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: internet
Message-Id: <Pine.3.89.9504041645.A7388-01000000@destrier.acsu.buffalo.edu>

hi gang,

could someone please post the addresses for the servers about qrp.

thanks,

aa2pf (dave)

73's

From owner-qrp-l@netcom.com Tue Apr 4 06:21:33 1995
From: ab4el@cybernetics.net (Stephen Modena)
Message-Id: <9504040718.AA26013@cybernetics.net>
Subject: Re: KeyCAD electronic library...
Date: Tue, 4 Apr 1995 03:18:20 -0400 (EDT)

To Byron and the QRP-L 'netters--

I'm going to answer this one publically, if only to let newcomers to the Internet know what's up.

Byron experienced a problem, as explained here:

```
>  
> I downloaded NUKEYCAD.MSG and havent been able to import it into KeyCad. Do I  
> need another program to UUdecode it ?  
>  
> I have no idea what UUdecode is. is it like zip/unzip, arc/unarc, etc ?  
>  
> I need input  
>  
> 72, Byron WA8LCZ
```

It's not so surprising that he didn't get something usable...so much can go wrong.

When I get requests like this, I wish the writer had included some detail. Why? Because if he (not just Byron, but *anyone*) had told me the steps he used, I might only have to write one or two lines to help out.

The reason I posted *two* files, nuKeyCAD.uue (ASCII TEXT) and nuKeyCAD.msg (binary), is because some people can retrieve binary files *directly* WITHOUT corrupting them; but others can *ONLY* retrieve ASCII files.

Procedure for binary retrieval:

```
ftp to SunSITE  
set BINARY mode ( critical critical )  
'get' nuKeyCAD.msg  
"download" with ZMODEM (which automatcally protects  
binary files, otherwise use KERMIT in binary mode)  
result: an uncorrupted nuKeyCAD.msg binary file
```

Procedure for text-only retrieval:

```
ftp to SunSITE  
'get' nuKeyCAD.uue  
"download" with any CRC-type software
```

UUDECODE.exe nuKeyCAD.uue
result: an uncorrupted nuKeyCAD.msg binary file

Hint: while at the ftp archive site, do an 'ls -la' and note the *exact* file sizes for *both* nuKeyCAD.uue and nuKeyCAD.msg. If you transfer nuKeyCAD.uue and it ends up a different *size* on your PC, then it is corrupted. After you uuDEcode it, then the resulting nuKeyCAD.msg files should be the *same* size as it was at SunSITE. If you do an all-binary transfer, the resulting nuKeyCAD.msg file should be *exactly* the same size as at SunSITE...otherwise it is corrupted.

What form is "nuKeyCAD.msg" in? Presumably, it is in a format that KeyCAD understands...whatever that is. :^)

What form is "nuKeyCAD.uue" in? It is uuENcoded...that is, it is a binary file converted to an ASCII form suitable for *emailing* as plain-text-without-special-handling.

To make nuKeyCAD.uue into nuKeyCAD.msg, one must use the *reverse* process, i.e. uuDEcode.

On *all* standard Unix machines, there is 'uudecode' and 'uuencode'. Type 'man uuencode' at the command prompt for further info.

Also, all DOS archive sites (like oakland and SIMTEL) have the DOS versions UUDECODE.EXE and UUENCODE.EXE zipped up. Virtually every local BBS has them also.

I'm tired...it's late...I'm going to bed...can't think of any obligatory QRP stuff to append here to make this posting 'legal.' :^)
--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From owner-qrp-l@netcom.com Tue Apr 4 16:47:39 1995
Date: Tue, 4 Apr 1995 12:26:16 -0700
From: dgf@netcom.com (David Feldman)
Message-Id: <199504041926.MAA14278@netcom16.netcom.com>
Subject: MIZUHO HTs in Ramsey flyer

I received a copy of a Ramsey "spring deals" flyer. They are offering Mizuho HF SSB/CW HTs in various bands. No detail on accessories. Their phone on the flyer is 800 446 2295.
73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Tue Apr 4 22:48:08 1995
Date: Tue, 4 Apr 1995 17:30:29 -0700
From: dgf@netcom.com (David Feldman)

Message-Id: <199504050030.RAA25443@netcom16.netcom.com>
Subject: Re: MIZUHO HTs in Ramsey flyer

>Hi Dave,

>

> Would you post a few of the prices for the Mizuho rigs to the list?

\$249 per transceiver. Pretty stripped down (I got a MX18S, which included nicads, the alkaline insert, a hand-strap, and the radio itself.)

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Wed Apr 5 00:32:08 1995
Date: Fri, 10 Mar 95 15:09:41 EST
From: "Travis, Paul" <ptravis@mail.hq.faa.gov>
Message-Id: <9502107948.AA794876954@mail.hq.faa.gov>
Subject: Norcal 40a

Will there be another run of Norcal 40a's? If so, when?

TNX and 73, Paul K0PT

From owner-qrp-l@netcom.com Tue Apr 4 21:41:58 1995
Date: Tue, 4 Apr 1995 16:52:14 -0230 (NDT)
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>
Subject: Norcal 40A Wanted - Dead or Alive
Message-Id: <Pine.OSF.3.91.950404164852.31332A-100000@terra.nlnet.nf.ca>

QRP-L gang,

Well I've tried bribing, begging etc but no luck - I am interested in an unbuilt (or second choice built) Norcal 40A. I will pay top dollar (whatever that means) so let me know if you have one or know of one available.

Thanks es 72 bob V01DRB/WA6ERB

Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: bgobrick@terra.nlnet.nf.ca
rgobrick@public.compuserve.com

Compuserve: 70466.1405@compuserve.com

From owner-qrp-1@netcom.com Tue Apr 4 19:29:15 1995
From: Byron8LCZ@aol.com
Date: Tue, 4 Apr 1995 11:56:18 -0400
Message-Id: <950404114911_71339195@aol.com>
Subject: QRP Contesting

I had trouble working the 1 watt or less group this time. Some were so weak, that I asked for repeats and others were not even strong enough to make it into my receiver, even though they had good locations and antennas. Propagation conditions are only going to get worst as summer approaches. Perhaps a contest where we CAN vary the power depending on conditions at that minute and depending on the band we're on and how well, we're receiving the other guy. You could call someone at 1 watt, if he doesnt answer, kick it up to 5 watts. You get more points for the 1 watt contact if you can make it. this would satisfy everyones lust for milliwatting and still allow everyone to make a bunch of contacts. perhaps in the exchange, you could say "559 MI 1W".

I think we're losing too many testers because of the multiplier system. We need to get more people involved in QRP contesting each contest and not penalize anyone for running 5 watts or commercial gear. I'm sure many ops dont enter the contests because they know there wont be much activity and they dont want to commit an entire saturday for a dozen contacts. Its certainly a big consideration. With thousands of QRP members and almost a dozen QRP clubs, there should be more QRP testers. Why arent they getting into contesting? Its alot of fun.

Maybe we could group the homebrewers together and offer certificates just for that group. Have them compete against other homebrewers.

Working the most number of contacts should be the most important thing to stress in a QRP contest, the power level should be secondary. Most of the 1 watters worked 10 or fewer contacts. thats not many for 8 hours of effort. At this point in the solar cycle, milliwatting is not very reliable for a contesting enviornment.

Super low power milliwatting is fine for setting records but not reliable for regular contacts over a long period of time. Lets redirect our efforts into building up a larger group of testers, and providing a place to test out ne w homebrew gear, antennas and current solar conditions. it will be more fun for everyone. remember the fall ARCI contests ? Talk about activity...

My approach to QRP is to get the best antenna, use the lowest loss coax and follow the propagation. As the sun rises, go to a higher frequency, as it sets, go lower. Follow the MUF (maximum usable frequency) Listen for those

short band openings and work as many QRP'ers as i can. QRP contesting is so much more fun and challenging than blood and guts DX contests. I cant figure out why more aren't involved with it.

With conditions getting worst, going into the summer, we need to encourage more testers to get active, make the rules easier, dont penalize anyone and offer certificates for the top scores in both commercial and homebrew catagories.

What do you think ?

72, Byron WA8LCZ Detroit

From owner-qrp-l@netcom.com Tue Apr 4 21:09:34 1995
Date: Tue, 4 Apr 1995 17:04:11 -0700 (PDT)
From: Steven Wilson <randyw@crl.com>
Subject: Re: QRP Contesting
Message-Id: <Pine.SUN.3.91.950404165747.7215B-100000@crl8.crl.com>

I believe Byron has several valid points. The goal should be increase the qrp activity and not to create divisions within the group. Some do not have the skills to build decent home brew gear, however, they may be great operators. Having the ability to build does not make one the first class A1 operator. I listen all day last saturday and heard several stations calling CQ that did not have the skill, equipment, or maybe it was ability to hear the stations calling them. I heard other very weak stations making contacts after contacts. The purpose of a qrp contest should be to improve the operating skills of the group.

de stan AK0B

On Tue, 4 Apr 1995 Byron8LCZ@aol.com wrote:

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> that I asked for repeats and others were not even strong enough to make it
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> out why more aren't involved with it.
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> more testers to get active, make the rules easier, dont penalize anyone
> and offer certificates for the top scores in both commercial and homebrew
> catagories.
>
> What do you think ?
>
> 72, Byron WA8LCZ Detroit
>
>

From owner-qrp-l@netcom.com Wed Apr 5 00:33:32 1995
Date: Tue, 4 Apr 1995 21:39:25 +0059 (EDT)
From: howie cahn <wb2cpu@world.std.com>
Subject: Re: QRP Contesting
Message-Id: <Pine.3.89.9504042124.A24233-0100000@world.std.com>

On Tue, 4 Apr 1995 Byron8LCZ@aol.com wrote:

> I had trouble working the 1 watt or less group this time. Some were so weak,
> that I asked for repeats and others were not even strong enough to make it
> into my receiver, even though they had good locations and antennas.
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> this would satisfy everyones lust for milliwatting and still allow everyone
> to make a bunch of contacts. perhaps in the exchange, you could say "559 MI
> 1W".
>

I have a related, but less radical proposal. In a lot of the contests now
your power multiplier is determined by the highest power you used on any
band. I would like to see the rules changed so that you could at least
have a separate power multiplier on each band depending on what you are
running there. That way, you could tweak your power on a per band basis
depending on how much you think you need to be effective.

72/73... howie
wb2cpu@world.std.com

From owner-qrp-1@netcom.com Wed Apr 5 01:33:02 1995
Date: Tue, 4 Apr 1995 20:50:10 -0600 (MDT)
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: QRP Contesting
Message-Id: <Pine.SUN.3.91.950404203227.14647A-100000@ume>

I missed the qrp affair last saturday.....spring skiing in rockies
with harmonic
Anyway, since 90 percent of my contacts are in contests, I thought I
would give my two loonies worth
- I always use maximum qrp allowed power in the "big" contests.....guys
at the other end could care less what I use, just want the qso as quickly
and painlessly as possible!

=qrp only contests.....I have mixed feelings here.....in the past I
have started out using 1 watt and only increased if it appeared extra
contacts (only contacts?) would be worth more than the multiplier advantage

-homebrew issue....again, mixed feelings. I have a fully wired,
integrated computer/icom 751a setup.....this is the only way to work
pileups (yes, I sometimes create pileups!) but alas this was more common 2
or 3 years ago on 10 and 15. For the more "casual" qrp contests I use
my hw9 or now, my sierra.....after all, why did I build these rigs?
Afterthought.....I would like a qrp rig project that could be switched

from 1 to 5 watts with a panel mount switch.....like my epiphyte will be.

By the way, got an invite to apply to Heard Island expedition.....cw qrp expedition. (I think it might be my emergency medical training, not my cw prowess that was considered here) I was STUNNED when I learned about the cost plus time commitment. Seal bites and blizzards for 4 weeks anyone? I do not think my family or patients would put up with a 6 week absence currently but I might apply for something a little more "civilized" in the future when the harmonics don't want to play with OM anymore!

B *****
Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7099 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"

From owner-qrp-l@netcom.com Wed Apr 5 02:01:48 1995
Date: Tue, 4 Apr 1995 19:44:15 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
Subject: Radio Shack DSP
Message-Id: <Pine.3.89.9504041938.A15290-0100000@netcom6>

I took what seemed like 'everyone's advice' and bought one --- the last one, the dealer had, the display model. It came without box, without booklet, without power cords, etc. I presume I can figure out how to work it, but I'd like to know what 'extras' might be missing besides the manual. For those of you who bought them complete, please advise by e-mail as to what might be missing!!!!
Tnx and 72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@netcom.com Tue Apr 4 21:41:20 1995
From: KD8FR@aol.com
Date: Tue, 4 Apr 1995 12:54:32 -0400
Message-Id: <950404125404_71401511@aol.com>
Subject: Room Reservations at Dayton

Has anyone heard from Myron Koyle, N8DHT yet concerning our room reservations at the Days Inn, Dayton South? I have talked to his wife a couple of times and she indicated that he was going to be sending the notices out very soon but the last time I talked to her was over a week ago.

Apparently everything is in order but the time is drawing close. If I had Myron's e-mail address (I have lost it, I'm afraid) I would send this

directly to him.

Looking forward to seeing all you L-neters in Dayton.

72/73, Lowell

From owner-qrp-l@netcom.com Tue Apr 4 19:02:54 1995
Message-Id: <9504042207.AA10131@garnet.inel.gov>
Date: Tue, 04 Apr 1995 15:08:47 -0600
From: LVE1@inel.gov (Larry East)
Subject: RS Dummy Load

I was in a local Radio Shack this past weekend and noticed that their 15W dummy loads (catalog number 21-506) were on a "Closeout" table marked down to \$8.97 (regular price is \$21.95 or so). Don't know if this is a local stock reduction or if RS is discontinuing these. Anyway, at \$9 it is a pretty good bargain; it is a small cylindrical unit with a heat sink and UHF connector. RS claims they have <1.5:1 SWR from "DC to 500MHz" -- I can confirm that the SWR is ~1:1 at least thru 2 meters. If you need a compact 50 Ohm QRP dummy load, better check it out.

Note: I have no connection with Radio Shack and am not necessarily a satisfied customer... (well, sometimes I am!).

"Any opinions expressed herein are my own and probably do
not agree with those of my employer, the U.S. Government
or my spouse"

--... ..--

Larry V. East (W1HUE)

Idaho Falls, ID

e-mail: LVE1@inel.gov

Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005 home: (208) 529-2162

From owner-qrp-l@netcom.com Tue Apr 4 23:36:38 1995
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: small speaker for portable rigs
Message-Id: <1995Apr04.205956-0400@[130.113.234.7]>
Date: 04 Apr 1995 20:59:56 -0400

Here's an idea (prompted by a question from Preston Douglas)
for a small portable speaker for a CW QRP rig, featuring:

- very small size
- quite a lot of volume (good efficiency)
- audio selectivity (quite high Q)
- battery efficient (greater than 8 ohms)

The idea is to use a speaker enclosure small enough to resonate at about 700 - 800 Hz. I found that the speaker must be carefully chosen for a particular size enclosure. Best results were with a 2-inch diameter speaker (from a scrapped IBM XT computer). I'd guess that Digi-Key part# P9610-ND would be about right.

I made my own enclosure from scratch, cutting some aluminum tubing 2 1/8" in diameter to a length of one inch. Some sheet aluminum cut to 2 1/8" diameter makes the bottom of the enclosure. If you could find a soup or pop can of the right diameter, it could be cut down to the right height. The speaker is mounted facing into the enclosure, so that its basket protects the fragile cone from punctures. Hot-melt glue is great for joining everything. Good resonance requires no air leakage.

Tuning the enclosure - A pronounced resonant peak can be heard where the cone mass resonates with the "springyness" of the air in the enclosure. A larger (deeper) enclosure will resonate at a lower frequency, smaller enclosure at a higher frequency. Best to cut your enclosure bigger to begin with, and cut it smaller till resonance is at a pleasing note. Mine tuned to 750 Hz. with three cubic inches of enclosure volume. Different loudspeakers (with different cone masses) will require different enclosure volume. If you cut your enclosure too small, you could lower the resonant frequency by plopping a little hot-melt onto the speaker's cone to increase its mass. A rigid enclosure makes a pronounced resonant response: I'd guess about 100 Hz wide. It's almost too narrow, even for CW work - but great for a crowded band.

Like a parallel tuned circuit, the electrical resistance of the speaker will maximize at resonance, drawing less current from the audio power amp. I get lots of volume, even from my NORCAL 40a thanks to the excellent efficiency.

I tried speakers of different diameters, but that 2" size worked best.

Glen Leinweber VE3DNL leinwebe@mcmail.mcmaster.ca